

11/27 - (C) WPI / Thomson
AN - 2002-601752 [65]
AP - JP20000303820 20001003; [Previous Publ JP2002105124 A 000000000]
PR - JP20000303820 20001003
TI - Manufacture of low molecular weight fluororesin used as raw material for carbon precursor manufacture, involves irradiating gamma ray to fluororesin to depolymerize fluororesin
IW - MANUFACTURE LOW MOLECULAR WEIGHT RAW MATERIAL CARBON PRECURSOR IRRADIATE GAMMA RAY DEPOLYMERISE
IN - YAMADA Y; YANA T
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PN - JP2002105124 A 20020410 DW200265
JP3521224B2 B2 20040419 DW200427
PD - 2002-04-10
IC - C08F8/50; C01B31/02; C08F14/18; C08F8/26; C08J3/28; C08L27/12; H01G9/058; H01M4/58
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ICCI- C01B31/00; C08F14/00; C08F8/00; C08J3/28; H01G9/058; H01M4/58
DC - A14 A35 A85 E36 L03
- V01 X16
AB - NOVELTY :
Manufacture of low molecular weight fluororesin involves irradiating fluororesin with gamma rays to depolymerize it.
- DETAILED DESCRIPTION :
INDEPENDENT CLAIMS are included for:
(1) manufacture of porous carbon material;
(2) manufacture of carbon precursor; and
(3) electrical double layer capacitor.
- USE :
Used as raw material for manufacture of porous carbon material and carbon precursor (both claimed).
- ADVANTAGE :
Porous carbon material having desired pore size is produced in large quantities. The low molecular weight fluororesin is produced easily. The porous carbon material has high electrical capacitance and large specific surface area.
- DESCRIPTION OF DRAWINGS :
The figure shows the pore distribution of porous carbon material calculated from desorption curve. (Drawing includes non-English language text).